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ABSTRACT

5 A screw nose for a rubber extruder screw has an upstream portion of increasing diameter providing working engagement of the rubber flowing from the screw flights with the extruder barrel and a downstream portion of decreasing diameter providing working engagement of the rubber with a converging tapered wall of a flow channel block for reducing the shrinkage and pressure drop at the discharge end of the screw and thereby prevent porosity and blisters in an extruded rubber component.